

AO 120 (Rev. 2/99)

TO: <b>Mail Stop 8 Director of the U.S. Patent &amp; Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450</b>	<b>REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK</b>
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In Compliance with 35 § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District California on the  Patents or  Trademarks:

DOCKET NO. <b>CV 10-05617 JCS</b>	DATE FILED <b>12/10/10</b>	U.S. DISTRICT COURT <b>450 Golden Gate Avenue, 16<sup>th</sup> Floor, San Francisco CA 94102</b>
PLAINTIFF <b>FINISAR CORP</b>	DEFENDANT <b>OPLINK COMMUNICATIONS, ET AL</b>	
PATENT OR TRADEMARK NO.  <b>1 11 Pat<sup>s</sup> Pys. 2-3</b>	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK  <b>***See Attach Complaint***</b>
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4		
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In the above—entitled case, the following patent(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading			
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK		
1				
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
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CLERK <b>Richard W. Wierking</b>	(BY) DEPUTY CLERK <b>Gina Agustine-Rivas</b>	DATE <b>December 13, 2010</b>
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**Copy 1—Upon initiation of action, mail this copy to Commissioner**   **Copy 3—Upon termination of action, mail this copy to Commissioner**  
**Copy 2—Upon filing document adding patent(s), mail this copy to Commissioner**   **Copy 4—Case file copy**

patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred in prosecuting this action under 35 U.S.C. § 285.

45. As a direct and proximate result of Defendants' infringement of the '775 patent, Finisar has been and continues to be damaged in an amount yet to be determined.

### **THIRD CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. 6,957,021)

46. Finisar realleges and incorporates by reference the allegations stated in paragraphs 1 through 45 of this Complaint.

47. Defendants, by engaging in the unauthorized manufacture (or causing to be manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered by one or more of the claims of the '021 patent and/or that are made overseas by processes that are covered by one or more of the claims of the '021 patent, have committed acts of direct infringement of one or more claims of the '021 patent. These acts constitute violations of 35 U.S.C. § 271.

48. Defendants have committed acts of contributory and/or inducement of infringement of one or more claims of the '021 patent by selling, supporting, and/or encouraging the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are not staple articles or commodities suitable for non-infringing uses. On information and belief, Defendants knew or should have known of the '021 patent, at least because Finisar provided notice of the '021 patent to the Defendants prior to some or all of the sales to third parties of optoelectronic transceivers covered by one or more of the claims of the '021 patent. These acts constitute violations of 35 U.S.C. § 271.

49. On information and belief, Defendants' infringement of the '021 patent is, has been, and continues to be willful and deliberate. Despite knowing of the '021 patent, the Defendants have continued to directly and indirectly infringe one or more claims of the '021 patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred in prosecuting this action under 35 U.S.C. § 285.

50. As a direct and proximate result of Defendants' infringement of the '021 patent,

1 Finisar has been and continues to be damaged in an amount yet to be determined.

2 **FOURTH CLAIM FOR RELIEF**

3 (Infringement of U.S. Patent No. 7,058,310)

4 51. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
5 1 through 50 of this Complaint.

6 52. Defendants, by engaging in the unauthorized manufacture (or causing to be  
7 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
8 by one or more of the claims of the '310 patent and/or that are made overseas by processes that  
9 are covered by one or more of the claims of the '310 patent, have committed acts of direct  
10 infringement of one or more claims of the '310 patent. These acts constitute violations of 35  
11 U.S.C. § 271.

12 53. Defendants have committed acts of contributory and/or inducement of  
13 infringement of one or more claims of the '310 patent by selling, supporting, and/or encouraging  
14 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
15 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
16 Defendants knew or should have known of the '310 patent, at least because Finisar provided  
17 notice of the '310 patent to the Defendants prior to some or all of the sales to third parties of  
18 optoelectronic transceivers covered by one or more of the claims of the '310 patent. These acts  
19 constitute violations of 35 U.S.C. § 271.

20 54. On information and belief, Defendants' infringement of the '310 patent is, has  
21 been, and continues to be willful and deliberate. Despite knowing of the '310 patent, the  
22 Defendants have continued to directly and indirectly infringe one or more claims of the '310  
23 patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and  
24 expenses incurred in prosecuting this action under 35 U.S.C. § 285.

25 55. As a direct and proximate result of Defendants' infringement of the '310 patent,  
26 Finisar has been and continues to be damaged in an amount yet to be determined.

27 **FIFTH CLAIM FOR RELIEF**

28 (Infringement of U.S. Patent No. 6,952,531)

56. Finisar realleges and incorporates by reference the allegations stated in paragraphs 1 through 55 of this Complaint.

57. Defendants, by engaging in the unauthorized manufacture (or causing to be manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered by one or more of the claims of the '531 patent and/or that are made overseas by processes that are covered by one or more of the claims of the '531 patent, have committed acts of direct infringement of one or more claims of the '531 patent. These acts constitute violations of 35 U.S.C. § 271.

58. Defendants have committed acts of contributory and/or inducement of infringement of one or more claims of the '531 patent by selling, supporting, and/or encouraging the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are not staple articles or commodities suitable for non-infringing uses. On information and belief, Defendants knew or should have known of the '531 patent, at least because Finisar provided notice of the '531 patent to the Defendants prior to some or all of the sales to third parties of optoelectronic transceivers covered by one or more of the claims of the '531 patent. These acts constitute violations of 35 U.S.C. § 271.

59. On information and belief, Defendants' infringement of the '531 patent is, has been, and continues to be willful and deliberate. Despite knowing of the '531 patent, the Defendants have continued to directly and indirectly infringe one or more claims of the '531 patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred in prosecuting this action under 35 U.S.C. § 285.

60. As a direct and proximate result of Defendants' infringement of the '531 patent, Finisar has been and continues to be damaged in an amount yet to be determined.

## **SIXTH CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. 7,162,160)

61. Finisar realleges and incorporates by reference the allegations stated in paragraphs 1 through 60 of this Complaint.

62. Defendants, by engaging in the unauthorized manufacture (or causing to be

1 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
2 by one or more of the claims of the '160 patent and/or that are made overseas by processes that  
3 are covered by one or more of the claims of the '160 patent, have committed acts of direct  
4 infringement of one or more claims of the '160 patent. These acts constitute violations of 35  
5 U.S.C. § 271.

6        63. Defendants have committed acts of contributory and/or inducement of  
7 infringement of one or more claims of the '160 patent by selling, supporting, and/or encouraging  
8 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
9 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
10 Defendants knew or should have known of the '160 patent, at least because Finisar provided  
11 notice of the '160 patent to the Defendants prior to some or all of the sales to third parties of  
12 optoelectronic transceivers covered by one or more of the claims of the '160 patent. These acts  
13 constitute violations of 35 U.S.C. § 271.

14 64. On information and belief, Defendants' infringement of the '160 patent is, has  
15 been, and continues to be willful and deliberate. Despite knowing of the '160 patent, the  
16 Defendants have continued to directly and indirectly infringe one or more claims of the '160  
17 patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and  
18 expenses incurred in prosecuting this action under 35 U.S.C. § 285.

19 65. As a direct and proximate result of Defendants' infringement of the '160 patent,  
20 Finisar has been and continues to be damaged in an amount yet to be determined.

**SEVENTH CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. 7,184,668)

23 66. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
24 1 through 65 of this Complaint.

25        67. Defendants, by engaging in the unauthorized manufacture (or causing to be  
26 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
27 by one or more of the claims of the '668 patent and/or that are made overseas by processes that  
28 are covered by one or more of the claims of the '668 patent, have committed acts of direct

1 infringement of one or more claims of the '668 patent. These acts constitute violations of 35  
2 U.S.C. § 271.

3        68. Defendants have committed acts of contributory and/or inducement of  
4 infringement of one or more claims of the '668 patent by selling, supporting, and/or encouraging  
5 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
6 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
7 Defendants knew or should have known of the '668 patent, at least because Finisar provided  
8 notice of the '668 patent to the Defendants prior to some or all of the sales to third parties of  
9 optoelectronic transceivers covered by one or more of the claims of the '668 patent. These acts  
10 constitute violations of 35 U.S.C. § 271.

11        69. On information and belief, Defendants' infringement of the '668 patent is, has  
12        been, and continues to be willful and deliberate. Despite knowing of the '668 patent, the  
13        Defendants have continued to directly and indirectly infringe one or more claims of the '668  
14        patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and  
15        expenses incurred in prosecuting this action under 35 U.S.C. § 285.

16 70. As a direct and proximate result of Defendants' infringement of the '668 patent,  
17 Finisar has been and continues to be damaged in an amount yet to be determined.

## **EIGHTH CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. 7,050,720)

20        71. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
21        1 through 70 of this Complaint.

22       72. Defendants, by engaging in the unauthorized manufacture (or causing to be  
23 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
24 by one or more of the claims of the '720 patent and/or that are made overseas by processes that  
25 are covered by one or more of the claims of the '720 patent, have committed acts of direct  
26 infringement of one or more claims of the '720 patent. These acts constitute violations of 35  
27 U.S.C. § 271.

28 73. Defendants have committed acts of contributory and/or inducement of

1 infringement of one or more claims of the '720 patent by selling, supporting, and/or encouraging  
2 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
3 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
4 Defendants knew or should have known of the '720 patent, at least because Finisar provided  
5 notice of the '720 patent to the Defendants prior to some or all of the sales to third parties of  
6 optoelectronic transceivers covered by one or more of the claims of the '720 patent. These acts  
7 constitute violations of 35 U.S.C. § 271.

8 74. On information and belief, Defendants' infringement of the '720 patent is, has  
9 been, and continues to be willful and deliberate. Despite knowing of the '720 patent, the  
10 Defendants have continued to directly and indirectly infringe one or more claims of the '720  
11 patent, entitling Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and  
12 expenses incurred in prosecuting this action under 35 U.S.C. § 285.

13 75. As a direct and proximate result of Defendants' infringement of the '720 patent,  
14 Finisar has been and continues to be damaged in an amount yet to be determined.

15 **NINTH CLAIM FOR RELIEF**

16 (Infringement of U.S. Patent No. RE 36,886)

17 76. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
18 1 through 75 of this Complaint.

19 77. Defendants, by engaging in the unauthorized manufacture (or causing to be  
20 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
21 by one or more of the claims of the '886 patent and/or that are made overseas by processes that  
22 are covered by one or more of the claims of the '886 patent, have committed acts of direct  
23 infringement of one or more claims of the '886 patent. These acts constitute violations of 35  
24 U.S.C. § 271.

25 78. Defendants have committed acts of contributory and/or inducement of  
26 infringement of one or more claims of the '886 patent by selling, supporting, and/or encouraging  
27 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
28 not staple articles or commodities suitable for non-infringing uses. On information and belief,

1 Defendants knew or should have known of the '886 patent. These acts constitute violations of 35  
2 U.S.C. § 271.

3        79.      On information and belief, Defendants' infringement of the '886 patent is, has  
4      been, and continues to be willful and deliberate. Despite knowing of the '886 patent, Defendants  
5      have continued to directly and indirectly infringe one or more claims of the '886 patent, entitling  
6      Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred  
7      in prosecuting this action under 35 U.S.C. § 285.

8        80. Such infringement has injured and damaged Finisar. Unless enjoined by this  
9 Court, Defendants will continue their infringement, irreparably injuring Finisar.

10 81. As a direct and proximate result of Defendants' infringement of the '886 patent,  
11 Finisar has been and continues to be damaged in an amount yet to be determined.

## **TENTH CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. RE 40,150)

14 82. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
15 1 through 81 of this Complaint.

16        83. Defendants, by engaging in the unauthorized manufacture (or causing to be  
17 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
18 by one or more of the claims of the '150 patent and/or that are made overseas by processes that  
19 are covered by one or more of the claims of the '150 patent, have committed acts of direct  
20 infringement of one or more claims of the '150 patent. These acts constitute violations of 35  
21 U.S.C. § 271.

22        84. Defendants have committed acts of contributory and/or inducement of  
23 infringement of one or more claims of the '150 patent by selling, supporting, and/or encouraging  
24 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
25 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
26 Defendants knew or should have known of the '150 patent. These acts constitute violations of 35  
27 U.S.C. § 271.

28 85. On information and belief, Defendants' infringement of the '150 patent is, has

1 been, and continues to be willful and deliberate. Despite knowing of the '150 patent, Defendants  
2 have continued to directly and indirectly infringe one or more claims of the '150 patent, entitling  
3 Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred  
4 in prosecuting this action under 35 U.S.C. § 285.

5        86. Such infringement has injured and damaged Finisar. Unless enjoined by this  
6 Court, Defendants will continue their infringement, irreparably injuring Finisar.

7        87.      As a direct and proximate result of Defendants' infringement of the '150 patent,  
8 Finisar has been and continues to be damaged in an amount yet to be determined.

**ELEVENTH CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. RE 40,154)

11 88. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
12 1 through 87 of this Complaint.

13        89. Defendants, by engaging in the unauthorized manufacture (or causing to be  
14 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
15 by one or more of the claims of the '154 patent and/or that are made overseas by processes that  
16 are covered by one or more of the claims of the '154 patent, have committed acts of direct  
17 infringement of one or more claims of the '154 patent. These acts constitute violations of 35  
18 U.S.C. § 271.

19        90. Defendants have committed acts of contributory and/or inducement of  
20 infringement of one or more claims of the '154 patent by selling, supporting, and/or encouraging  
21 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
22 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
23 Defendants knew or should have known of the '154 patent. These acts constitute violations of 35  
24 U.S.C. § 271.

25        91.      On information and belief, Defendants' infringement of the '154 patent is, has  
26      been, and continues to be willful and deliberate. Despite knowing of the '154 patent, Defendants  
27      have continued to directly and indirectly infringe one or more claims of the '154 patent, entitling  
28      Finisar to increased damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred

1 in prosecuting this action under 35 U.S.C. § 285.

2 92. Such infringement has injured and damaged Finisar. Unless enjoined by this  
3 Court, Defendants will continue their infringement, irreparably injuring Finisar.

4 93. As a direct and proximate result of Defendants' infringement of the '154 patent,  
5 Finisar has been and continues to be damaged in an amount yet to be determined.

6 **PRAYER FOR RELIEF**

7 WHEREFORE, Finisar prays that this Court enter judgment as follows:

- 8 (A) Adjudicating and declaring that Defendants have infringed, actively induced  
9 infringement of, and/or contributorily infringed the Patents-In-Suit;
- 10 (B) Preliminarily and permanently enjoining the Defendants, their officers, agents,  
11 servants, employees, attorneys and all persons in active concert or participation  
12 with them from further infringement of the Patents-In-Suit or, to the extent not so  
13 enjoined, ordering Defendants to pay compulsory ongoing royalties for any  
14 continuing infringement of the Patents-In-Suit;
- 15 (C) Ordering that Defendants account, and pay actual damages (but no less than a  
16 reasonable royalty), to Finisar for Defendants' infringement of the Patents-in-Suit;
- 17 (D) Declaring that the Defendants willfully infringed one or more of the Patents-in-  
18 Suit and ordering that Defendants pay treble damages to Finisar as provided by 35  
19 U.S.C. § 284;
- 20 (E) Ordering that Defendants pay Finisar's costs, expenses, and interest, including  
21 prejudgment interest, as provided for by 35 U.S.C. § 284;
- 22 (F) Declaring that this is an exceptional case and awarding Finisar its attorneys' fees  
23 and expenses as provided for by 35 U.S.C. § 285;
- 24 (G) Granting Finisar such other and further relief as the Court deems just and  
25 appropriate, or that Finisar may be entitled to as a matter of law or equity.

1 Dated: December 10, 2010  
2

3 MORGAN, LEWIS & BOCKIUS LLP  
4

5 By   
6 Michael J. Lyons  
7 Attorneys for Plaintiff  
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13 Attorneys for Plaintiff  
14 FINISAR CORPORATION

CHAMBERS  
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RICHARD W. WIERKING  
CLERK, U.S. DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA

E-filing

JCS

10 UNITED STATES DISTRICT COURT

11 NORTHERN DISTRICT OF CALIFORNIA

12 CV 10 5617

13 Case No.

14 COMPLAINT FOR DAMAGES AND  
15 INJUNCTIVE RELIEF

16 DEMAND FOR JURY TRIAL

17 FINISAR CORPORATION,  
18 a Delaware corporation,

19 Plaintiff,

20 v.

21 OPLINK COMMUNICATIONS INC., a  
22 Delaware corporation, OPTICAL  
23 COMMUNICATION PRODUCTS, INC.,  
24 a Delaware corporation,

25 Defendants.

26 ECF DOCUMENT

27 I hereby attest and certify this is a printed copy of a  
28 document which was electronically filed with the United States  
District Court for the Northern District of California.

Date Filed: 12/10/10

By: RICHARD W. WIERKING, Clerk

GINA AGUSTINE

Deputy Clerk.

**DEMAND FOR JURY TRIAL**

Pursuant to Federal Rule of Civil Procedure 38, Finisar hereby requests a trial by jury.

Dated: December 10, 2010

MORGAN, LEWIS & BOCKIUS LLP

Michael J. Lyons  
Attorneys for Plaintiff

1 Plaintiff FINISAR CORPORATION (“Finisar”) alleges as follows:

2 **PARTIES**

3 1. Plaintiff Finisar is a Delaware corporation with its principal place of business at  
4 1389 Moffett Park Drive, Sunnyvale, California 94089-1134. Finisar is qualified and duly  
5 authorized to conduct business in the State of California.

6 2. Defendant Oplink Communications Inc. (“Oplink”) is a Delaware corporation  
7 doing business in this judicial district, and has a principal place of business at 46335 Landing  
8 Parkway, Fremont, California 94538.

9 3. On information and belief, Defendant Optical Communication Products, Inc.  
10 (“OCP”) is a Delaware corporation doing business in this judicial district, and has a principal  
11 place of business at 46335 Landing Parkway, Fremont, California 94538.

12 4. On information and belief, Defendant OCP is a wholly-owned subsidiary of  
13 Oplink, and OCP’s infringing business has been transferred to Oplink.

14 **JURISDICTION AND VENUE**

15 5. This is a civil action arising under the patent laws of the United States, 35 U.S.C.  
16 §§ 1 *et seq.* This Court has jurisdiction over the subject matter of this action pursuant to  
17 28 U.S.C. § 1331 and 1338(a).

18 6. Personal jurisdiction as to each defendant is proper in the State of California and in  
19 this judicial district. Defendants maintain a regular and established place of business and ongoing  
20 business activity in this State and in this judicial district, and therefore have sufficient contacts  
21 with the State of California to satisfy the requirements of due process and Rule 4(k)(2) of the  
22 Federal Rules of Civil Procedure.

23 7. Venue is proper in this judicial district pursuant to 28 U.S.C. §§ 1391(b) & (c) and  
24 1400(b).

25 **INTRADISTRICT ASSIGNMENT**

26 8. Under Civil L. R. 3-2(c), this action shall be assigned on a district-wide basis,  
27 notwithstanding the fact that a substantial part of the events that give rise to the claims alleged  
28 herein occurred in Santa Clara County, in the San Jose Division of this Court.

## **PROCEDURAL BACKGROUND**

2        9.        On January 5, 2010, Finisar filed a Complaint against Defendant Oplink in Case  
3        No. C-10-00032 WHA in the United States District Court for the Northern District of California  
4        raising the same allegations presented in this Complaint. By Court Order dated May 5, 2010 in  
5        that case, Oplink was severed from that case and dismissed without prejudice to Finisar's right to  
6        re-file its claims in a separate action.

## PATENTS-IN-SUIT

8           10. Finisar is the sole owner of U.S. Patent No. 5,019,769 (the “‘769 patent”), issued  
9           on May 28, 1991, titled “Semiconductor Laser Diode Controller and Laser Diode Biasing Control  
10          Method.” The ‘769 patent expired September 14, 2010. A true and correct copy of the ‘769  
11          patent is attached as Exhibit A.

12        11.    Finisar is the sole owner of U.S. Patent No. 7,079,775 (the “‘775 patent”), issued  
13 on July 18, 2006, titled “Integrated Memory Mapped Controller Circuit for Fiber Optics  
14 Transceiver.” A true and correct copy of the ‘775 patent is attached to this Complaint as  
15 Exhibit B.

16       12. Finisar is the sole owner of U.S. Patent No. 6,957,021 (the “‘021 patent”), issued  
17 on October 18, 2005, titled “Optical Transceiver with Memory Mapped Locations.” A true and  
18 correct copy of the ‘021 patent is attached to this Complaint as Exhibit C.

19       13. Finisar is the sole owner of U.S. Patent No. 7,058,310 (the “‘310 patent”), issued  
20 on June 6, 2006, titled “System and Method for Protecting Eye Safety During Operation of a  
21 Fiber Optic Transceiver.” A true and correct copy of the ‘310 patent is attached to this Complaint  
22 as Exhibit D.

23 14. Finisar is the sole owner of U.S. Patent No. 6,952,531 (the “‘531 patent”), issued  
24 on October 4, 2005, titled “System and Method for Protecting Eye Safety During Operation of a  
25 Fiber Optic Transceiver.” A true and correct copy of the ‘531 patent is attached to this Complaint  
26 as Exhibit E.

27 15. Finisar is the sole owner of U.S. Patent No. 7,162,160 (the “160 patent”), issued  
28 on January 9, 2007, titled “System and Method for Protecting Eye Safety During Operation of a

1 Fiber Optic Transceiver.” A true and correct copy of the ‘160 patent is attached to this Complaint  
2 as Exhibit F.

3 16. Finisar is the sole owner of U.S. Patent No. 7,184,668 (the “‘668 patent”), issued  
4 on February 27, 2007, titled “System and Method for Protecting Eye Safety During Operation of  
5 a Fiber Optic Transceiver.” A true and correct copy of the ‘668 patent is attached to this  
6 Complaint as Exhibit G.

7 17. Finisar is the sole owner of U.S. Patent No. 7,050,720 (the “‘720 patent”), issued  
8 on May 23, 2006, titled “Integrated Memory Mapped Controller Circuit for Fiber Optics  
9 Transceiver.” A true and correct copy of the ‘720 patent is attached to this Complaint as Exhibit  
10 H.

11 18. Finisar is the sole owner of U.S. Patent No. RE 36,886 (the “‘886 patent”), filed on  
12 January 12, 1995, issued on January 21, 1997, and reissued on October 3, 2000, titled “Fiber  
13 Optic Module.” A true and correct copy of the ‘886 patent is attached to this Complaint as  
14 Exhibit I.

15 19. Finisar is the sole owner of U.S. Patent No. RE 40,150 (the “‘150 patent”), filed on  
16 January 12, 1995, issued on January 21, 1997, and reissued on March 11, 2008, titled “Fiber  
17 Optic Module.” A true and correct copy of the ‘150 patent is attached to this Complaint as  
18 Exhibit J.

19 20. Finisar is the sole owner of U.S. Patent No. RE 40,154 (the “‘154 patent”), filed on  
20 January 12, 1995, issued on January 21, 1997, and reissued on March 18, 2008, titled “Fiber  
21 Optic Module.” A true and correct copy of the ‘154 patent is attached to this Complaint as  
22 Exhibit K.

23 21. The ‘769 patent, ‘775 patent, ‘021 patent, ‘310 patent, ‘531 patent, ‘160 patent,  
24 ‘668 patent, ‘720 patent, ‘886 patent, ‘150 patent, and ‘154 patent are referred to collectively  
25 herein as the “Patents-In-Suit.” A subset of the Patents-In-Suit including the ‘775 patent, ‘021  
26 patent, ‘310 patent, ‘531 patent, ‘160 patent, ‘668 patent, and ‘720 patent are referred to  
27 collectively herein as the “Enhanced Digital Diagnostics Patents.” Another subset of the Patents-  
28 In-Suit including the ‘886 patent, ‘150 patent, and ‘154 patent are referred to collectively herein

1 as the “Optoelectronic Module Patents.”

2 **FINISAR’S OPTOELECTRONIC TRANSCEIVER TECHNOLOGY**

3 22. Optoelectronic transceivers are used to provide the electrical-to-optical and  
4 optical-to-electrical conversion required for modern communication over fiber optic cables.  
5 Optoelectronic transceivers are a vital component of the high-speed broadband revolution that has  
6 transformed the way consumers all over the world watch television, surf the internet, and  
7 communicate.

8 23. Finisar is a leading supplier of optoelectronic transceivers and invests substantially  
9 in research and development of new and innovative technologies and products. Finisar has been a  
10 pioneer in the optoelectronics industry, developing, for example, automated transceiver  
11 calibration methods and adding diagnostic intelligence to its transceivers.

12 24. Finisar developed the digital processor controlled laser diode calibration  
13 technology claimed in the ‘769 patent directed to automation of the process of selecting the drive  
14 current level of the laser diode.

15 25. Finisar engineers later developed an improved digital diagnostics technology  
16 claimed in the Enhanced Digital Diagnostics Patents directed to real-time monitoring of  
17 transceiver operating parameters with dramatically improved diagnostic data storage and host  
18 access capabilities, helping to identify abnormal and potentially unsafe operating conditions,  
19 simplifying maintenance, and enhancing reliability.

20 26. Optoelectronic high-speed networks using optoelectronic transceivers with digital  
21 diagnostic monitoring features are now in widespread use, in no small part because of the efforts  
22 of Finisar. Finisar has worked to bring its advanced technology to the entire industry not only by  
23 designing new products, but also by its participation in and commitment to working with industry  
24 committees to create standards and common specifications for transceiver digital diagnostics.

25 27. One such specification is the SFF-8472 specification, titled “Digital Diagnostic  
26 Monitoring Interface for Optical Transceivers,” which was published by the Small Form Factor  
27 Committee. This document specifies a digital diagnostic feature set for Small Form Factor  
28 Pluggable (“SFP”) transceivers. It defines an enhanced digital diagnostics monitoring interface

1 for optical transceivers which allows real-time access to device operating parameters.

2 28. The SFF-8472 specification was developed at least in part by Finisar employees  
3 and relies upon Finisar's inventions.

4 29. Industry adoption of the SFF-8472 specification was swift. SFF-8472-compliant  
5 transceivers are now widely available.

6 30. Similar digital diagnostic capabilities have been incorporated into other widely  
7 used industry multi-source agreement specifications and/or products, including but not limited to  
8 the Enhanced Small Form Factor Pluggable ("SFP+"), 10 Gigabit Small Form Factor Pluggable  
9 ("XFP"), DWDM Pluggable Transceiver ("DWDM"), XENPAK, Broadband Passive Optical  
10 Network ("BPON"), Gigabit Passive Optical Network ("GPON"), and Gigabit Ethernet Passive  
11 Optical Network ("GEPO") specifications and/or products. For example, the XFP specification  
12 states that the mandatory XFP 2-wire serial interface is "modeled largely after the digital  
13 diagnostics monitoring interface proposed for the SFP and GBIC optical transceivers and defined  
14 in SFF draft document SFF-8472 Rev 9.3 . . . ."

15 31. All of the major transceiver manufacturers, including the Defendants, make  
16 transceivers that include digital diagnostics. The widespread acceptance and use of Finisar's  
17 digital diagnostics technology by numerous standards bodies and competitors demonstrates the  
18 industry's recognition of the value and importance of Finisar's innovation.

19 32. Finisar has licensed its '769 patent and the Enhanced Digital Diagnostics Patents  
20 to other manufacturers in the industry.

21 33. Finisar has also provided notice of its '769 patent and the Enhanced Digital  
22 Diagnostics Patents portfolio, and offered licenses to this portfolio, to others in the industry,  
23 including each of the Defendants. Defendants first received notice of the '769 patent and one or  
24 more of the Enhanced Digital Diagnostics Patents on or before December 13, 2005. Defendants  
25 have refused to license Finisar's '769 patent or the Enhanced Digital Diagnostics Patents.

26 34. Finisar also recognizes the technical contributions of other companies as  
27 demonstrated by its purchase of the Optoelectronic Module Patents from Matsushita Electric  
28 Industrial Co., Ltd.

## **THE ACCUSED PRODUCTS**

35. The Accused Products include, but are not limited to, Defendants' optoelectronic transceivers that (i) are calibrated under processor control pursuant to the claims of the '769 patent, including for example and without limitation, Defendants' GBIC, SFF, SFP, 1x9, 2x9, XFP, SFP+, PON OLT, and PON ONU products; (ii) are compliant with SFF-8472 or otherwise include digital diagnostics, including for example and without limitation, Defendants' SFP, XFP, and SFP+ products; and/or (iii) include the claimed features of the Optoelectronic Module Patents, including for example and without limitation, Defendants' GBIC, SFF, SFP, 1x9, 2x9, XFP, SFP+, PON OLT, and PON ONU products.

## **FIRST CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. 5,019,769)

12 36. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
13 1 through 35 of this Complaint.

14       37. Defendants, by engaging in the unauthorized manufacture (or causing to be  
15 manufactured), importation, use, sale and/or offer for sale of Accused Products that were covered  
16 by one or more of the claims of the '769 patent and/or that were made overseas by processes that  
17 were covered by one or more of the claims of the '769 patent on or before September 14, 2010,  
18 have committed acts of direct infringement of one or more claims of the '769 patent. These acts  
19 constitute violations of 35 U.S.C. § 271.

20       38. Defendants have committed acts of contributory and/or inducement of  
21 infringement of one or more claims of the '769 patent by selling, supporting, and/or encouraging  
22 infringing methods of use of the Accused Products to third parties on or before September 14,  
23 2010, including but not limited to customers and end-users. Such optoelectronic transceivers are  
24 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
25 Defendants knew or should have known of the '769 patent, at least because Finisar provided  
26 notice of the '769 patent to the Defendants prior to some or all of the sales to third parties of  
27 optoelectronic transceivers covered by one or more of the claims of the '769 patent. These acts  
28 constitute violations of 35 U.S.C. § 271.

1       39. On information and belief, Defendants' infringement of the '769 patent has been  
2 willful and deliberate. Despite knowing of the '769 patent, the Defendants continued to directly  
3 and indirectly infringe one or more claims of the '769 patent, entitling Finisar to increased  
4 damages under 35 U.S.C. § 284 and to attorneys' fees and expenses incurred in prosecuting this  
5 action under 35 U.S.C. § 285.

6 40. As a direct and proximate result of Defendants' infringement of the '769 patent,  
7 Finisar has been damaged in an amount yet to be determined.

## **SECOND CLAIM FOR RELIEF**

(Infringement of U.S. Patent No. 7,079,775)

10 41. Finisar realleges and incorporates by reference the allegations stated in paragraphs  
11 1 through 40 of this Complaint.

12        42. Defendants, by engaging in the unauthorized manufacture (or causing to be  
13 manufactured), importation, use, sale and/or offer for sale of Accused Products that are covered  
14 by one or more of the claims of the '775 patent and/or that are made overseas by processes that  
15 are covered by one or more of the claims of the '775 patent, have committed acts of direct  
16 infringement of one or more claims of the '775 patent. These acts constitute violations of 35  
17 U.S.C. § 271.

18        43. Defendants have committed acts of contributory and/or inducement of  
19 infringement of one or more claims of the '775 patent by selling, supporting, and/or encouraging  
20 the infringing use of the Accused Products to third parties. Such optoelectronic transceivers are  
21 not staple articles or commodities suitable for non-infringing uses. On information and belief,  
22 Defendants knew or should have known of the '775 patent, at least because Finisar provided  
23 notice of the '775 patent to the Defendants prior to some or all of the sales to third parties of  
24 optoelectronic transceivers covered by one or more of the claims of the '775 patent. These acts  
25 constitute violations of 35 U.S.C. § 271.

26 44. On information and belief, Defendants' infringement of the '775 patent is, has  
27 been, and continues to be willful and deliberate. Despite knowing of the '775 patent, the  
28 Defendants have continued to directly and indirectly infringe one or more claims of the '775